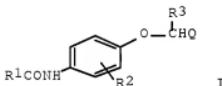
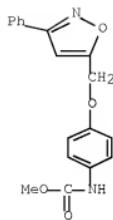


TITLE: Preparation of hydroxyanilines as herbicides
 INVENTOR(S): Sato, Kazuo; Sano, Hiroki; Komai, Hiroyuki; Kudou,
 Noriaki; Morimoto, Soji; Kadotani, Junji
 PATENT ASSIGNEE(S): Sankyo Co., Ltd., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 43 pp.
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 11263775	A	19990928	JP 1998-252600	19980907 <--
PRIORITY APPLN. INFO.:			JP 1997-242967	A 19970908
OTHER SOURCE(S):	MARPAT	131:243076		
GI				

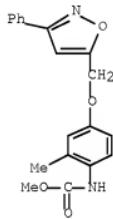


AB Title compds. I (R1 = alkoxy; R2 = alkyl, cycloalkyl, alkoxy, halo; R3 = H, alkyl; Q = heterocyclyl, except oxazolyl, 2-benzoxazolyl, thiazolyl, 2-benzothiazolyl) and their salts, useful as herbicides, are prepared. Thus, reaction of 2-methyl-4-hydroxyaniline with 5-chloro-2-chloromethylthiophene in DMF in the presence of NaH gave 81.6% 4-(5-chlorothiophen-2-ylmethoxy)-2-methylaniline, reaction of which with Me chloroformate in CH₂Cl₂ in the presence of 4-dimethylaminopyridine gave 92.3% Me [4-(5-chlorothiophen-2-ylmethoxy)-2-methylphenyl]carbamate (II). II showed herbicidal activity at 20 g/are against Echinocloa crus-galli with no toxicity to rice.
 IT 244175-43-7P 244175-44-8P 244175-45-9P
 244175-46-0P 244175-52-8P 244175-57-3P
 244175-58-4P 244175-59-5P 244175-61-9P
 RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation of hydroxyanilines as herbicides)
 RN 244175-43-7 ZCPLUS
 CN Carbamic acid, [4-[(3-phenyl-5-isoxazolyl)methoxy]phenyl]-, methyl ester (9CI) (CA INDEX NAME)



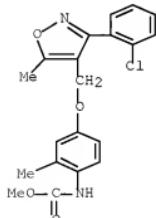
RN 244175-44-8 ZCPLUS

CN Carbamic acid, [2-methyl-4-[(3-phenyl-5-isoxazolyl)methoxy]phenyl]-, methyl ester (9CI) (CA INDEX NAME)



RN 244175-45-9 ZCPLUS

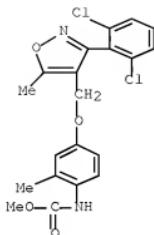
CN Carbamic acid, [4-[(3-(2-chlorophenyl)-5-methyl-4-isoxazolyl)methoxy]-2-methylphenyl]-, methyl ester (9CI) (CA INDEX NAME)



RN 244175-46-0 ZCPLUS

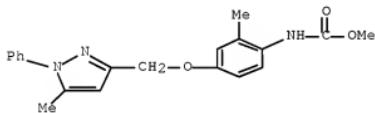
CN Carbamic acid, [4-[(3-(2,6-dichlorophenyl)-5-methyl-4-isoxazolyl)methoxy]-

2-methylphenyl]-, methyl ester (9CI) (CA INDEX NAME)



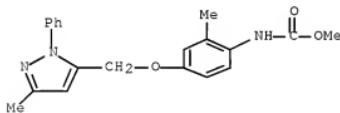
RN 244175-52-8 ZCPLUS

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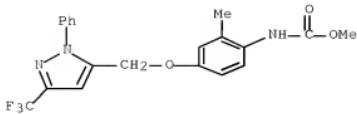
RN 244175-57-3 ZCPLUS

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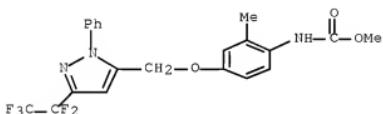
RN 244175-58-4 ZCPLUS

CN Carbamic acid, [2-methyl-4-[(1-phenyl-3-(trifluoromethyl)-1H-pyrazol-5-yl)methoxy]phenyl]-, methyl ester (9CI) (CA INDEX NAME)



RN 244175-59-5 ZCPLUS

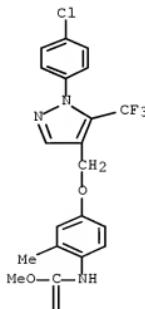
CN Carbamic acid, [2-methyl-4-[(3-(trifluoromethyl)phenyl)-1H-pyrazol-5-yl]methoxy]phenyl-, methyl ester (9CI) (CA INDEX NAME)



RN 244175-61-9 ZCPLUS

CN Carbamic acid, [4-[(1-(4-chlorophenyl)-5-(trifluoromethyl)-1H-pyrazol-4-yl)methoxy]-2-methylphenyl-, methyl ester (9CI) (CA INDEX NAME)

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